

04-07-00

A

Please type a plus sign (+) inside this box

+

PTO/SB/05 (2/98)

Approved for use through 09/30/00. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

JC662 U.S. PTO  
03/31/00UTILITY  
PATENT APPLICATION  
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

080398.P257

First Inventor or Application Identifier

Hiroshi Takano

Title

METHOD AND APPARATUS FOR CONTROLLING CONNECTIONS BETWEEN

Express Mail Label No.

EM014065085US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ Fee Transmittal Form (e.g. PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)
2. ☒ Specification *Total Pages* **21**  
(preferred arrangement set forth below)
- Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure

3. ☒ Drawing(s) (35 U.S.C. 113) *Total Sheets* **7**
4. Oath or Declaration *Total Pages* **3**
- a. ☒ Newly executed (original copy)
- b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 16 completed)
- i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

5. ☐ Microfiche Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a. ☐ Computer Readable Copy
- b. ☐ Paper Copy (identical to computer copy)
- c. ☐ Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

7. ☒ Assignment Papers (cover sheet & document(s))
8. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
9. ☐ English Translation Document (if applicable)
10. ☐ Information Disclosure Statement (IDS)/PTO - 1449 ☐ Copies of IDS Citations
11. ☐ Preliminary Amendment
12. ☐ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
13. ☐ \*Small Entity Statement(s) ☐ Statement filed in prior application, Status still proper and desired
14. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
15. ☒ Other: Check No. 15735 for \$934.00 .....  
..... Check No. 15736 for \$40 .....  
.....

\*NOTE FOR ITEMS 1 &amp; 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: \_\_\_\_\_/\_\_\_\_\_

Prior application Information: Examiner \_\_\_\_\_ Group/Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 17. CORRESPONDENCE ADDRESS

☐ Customer Number of Bar Code Label

(Insert Customer No. or Attach bare code label here)

or ☒ Correspondence address below

Name

BLAKELY, SOKOLOFF, TAYLOR &amp; ZAFMAN LLP

Address

12400 Wilshire Boulevard, Seventh Floor

City

Los Angeles

State

California

Zip Code

90025

Country

U.S.A.

Telephone

(310) 207-3800

Fax

(310) 820-5988

Name (Print/Type)

Eric S. Hyman, Reg. No. 30,139

Signature

Date

03/31/00

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<h1 style="margin: 0;">FEE TRANSMITTAL</h1> <p style="font-size: small; margin: 0;"> <i>Petent fees are subject to annual revision on October 1.            These are the fees effective October 1, 1997.            Small Entity payments must be supported by a small entity statement,            otherwise large entity fees must be paid. See Forms PTO/SB/09-12.            See 37 C.F.R. §§ 1.28 and 1.28</i> </p>		<b>Complete if Known</b>	
<b>TOTAL AMOUNT OF PAYMENT</b> (\$)		1024.00	
Application Number		Filing Date	
First Named Inventor		Hiroshi Takano, et al.	
Examiner Name		Group Art Unit	
Attorney Docket Number		080398.P257	

<b>METHOD OF PAYMENT</b> (check one)	<b>FEE CALCULATION</b> (continued)																																																																																																																												
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:  Deposit Account Number: <span style="border: 1px solid black; padding: 2px;">02-2666</span>  Deposit Account Name: <span style="border: 1px solid black; padding: 2px;">Blakely, Sokoloff, Taylor &amp; Zafman LLP</span>  <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance.	<b>3. ADDITIONAL FEE</b>  <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity</th> <th style="text-align: left;">Small Entity</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: left;">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee Code</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>105 130 205</td> <td>65</td> <td>Surcharge - late filing fee or oath</td> <td></td> </tr> <tr> <td>127 50 227</td> <td>25</td> <td>Surcharge - late provisional filing fee or cover sheet.</td> <td></td> </tr> <tr> <td>139 130 139</td> <td>130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>147 2,520 147</td> <td>2,520</td> <td>For filing a request for reexamination</td> <td></td> </tr> <tr> <td>112 920 112</td> <td>920</td> <td>Requesting publication of SIR prior to Examiner action</td> <td></td> </tr> <tr> <td>113 1,840 113</td> <td>1,840</td> <td>Requesting publication of SIR after Examiner action</td> <td></td> </tr> <tr> <td>115 110 215</td> <td>55</td> <td>Extension for response within first month</td> <td></td> </tr> <tr> <td>116 380 216</td> <td>190</td> <td>Extension for response within second month</td> <td></td> </tr> <tr> <td>117 870 217</td> <td>435</td> <td>Extension for response within third month</td> <td></td> </tr> <tr> <td>118 1,360 218</td> <td>680</td> <td>Extension for response within fourth month</td> <td></td> </tr> <tr> <td>128 1,850 228</td> <td>925</td> <td>Extension for response within fifth month</td> <td></td> </tr> <tr> <td>119 300 219</td> <td>150</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>120 300 220</td> <td>150</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>121 260 221</td> <td>130</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>138 1,360 138</td> <td>1,360</td> <td>Petition to institute a public use proceeding</td> <td></td> </tr> <tr> <td>140 110 240</td> <td>55</td> <td>Petition to revive - unavoidably</td> <td></td> </tr> <tr> <td>141 1,210 241</td> <td>605</td> <td>Petition to revive - unintentionally</td> <td></td> </tr> <tr> <td>142 1,210 242</td> <td>605</td> <td>Utility issue fee (or reissue)</td> <td></td> </tr> <tr> <td>143 430 243</td> <td>215</td> <td>Design issue fee</td> <td></td> </tr> <tr> <td>144 580 244</td> <td>290</td> <td>Plant issue fee</td> <td></td> </tr> <tr> <td>122 130 122</td> <td>130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>123 50 123</td> <td>50</td> <td>Petitions related to provisional applications</td> <td></td> </tr> <tr> <td>126 240 126</td> <td>240</td> <td>Submission of Information Disclosure Stmt</td> <td></td> </tr> <tr> <td>581 40 581</td> <td>40</td> <td>Recording each patent assignment per property (times number of properties)</td> <td>40</td> </tr> <tr> <td>146 760 246</td> <td>380</td> <td>Filing a submission after final rejection (37 CFR 1.129(a))</td> <td></td> </tr> <tr> <td>149 760 249</td> <td>380</td> <td>For each additional invention to be examined (37 CFR 1.129(b))</td> <td></td> </tr> <tr> <td colspan="3">Other fee (specify) _____</td> <td></td> </tr> <tr> <td colspan="3">Other fee (specify) _____</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: right;"><b>SUBTOTAL (3)</b> (\$)</td> <td>40.00</td> </tr> </tbody> </table>	Large Entity	Small Entity	Fee Description	Fee Paid	Fee Code	Fee Code			105 130 205	65	Surcharge - late filing fee or oath		127 50 227	25	Surcharge - late provisional filing fee or cover sheet.		139 130 139	130	Non-English specification		147 2,520 147	2,520	For filing a request for reexamination		112 920 112	920	Requesting publication of SIR prior to Examiner action		113 1,840 113	1,840	Requesting publication of SIR after Examiner action		115 110 215	55	Extension for response within first month		116 380 216	190	Extension for response within second month		117 870 217	435	Extension for response within third month		118 1,360 218	680	Extension for response within fourth month		128 1,850 228	925	Extension for response within fifth month		119 300 219	150	Notice of Appeal		120 300 220	150	Filing a brief in support of an appeal		121 260 221	130	Request for oral hearing		138 1,360 138	1,360	Petition to institute a public use proceeding		140 110 240	55	Petition to revive - unavoidably		141 1,210 241	605	Petition to revive - unintentionally		142 1,210 242	605	Utility issue fee (or reissue)		143 430 243	215	Design issue fee		144 580 244	290	Plant issue fee		122 130 122	130	Petitions to the Commissioner		123 50 123	50	Petitions related to provisional applications		126 240 126	240	Submission of Information Disclosure Stmt		581 40 581	40	Recording each patent assignment per property (times number of properties)	40	146 760 246	380	Filing a submission after final rejection (37 CFR 1.129(a))		149 760 249	380	For each additional invention to be examined (37 CFR 1.129(b))		Other fee (specify) _____				Other fee (specify) _____				<b>SUBTOTAL (3)</b> (\$)			40.00
Large Entity	Small Entity	Fee Description	Fee Paid																																																																																																																										
Fee Code	Fee Code																																																																																																																												
105 130 205	65	Surcharge - late filing fee or oath																																																																																																																											
127 50 227	25	Surcharge - late provisional filing fee or cover sheet.																																																																																																																											
139 130 139	130	Non-English specification																																																																																																																											
147 2,520 147	2,520	For filing a request for reexamination																																																																																																																											
112 920 112	920	Requesting publication of SIR prior to Examiner action																																																																																																																											
113 1,840 113	1,840	Requesting publication of SIR after Examiner action																																																																																																																											
115 110 215	55	Extension for response within first month																																																																																																																											
116 380 216	190	Extension for response within second month																																																																																																																											
117 870 217	435	Extension for response within third month																																																																																																																											
118 1,360 218	680	Extension for response within fourth month																																																																																																																											
128 1,850 228	925	Extension for response within fifth month																																																																																																																											
119 300 219	150	Notice of Appeal																																																																																																																											
120 300 220	150	Filing a brief in support of an appeal																																																																																																																											
121 260 221	130	Request for oral hearing																																																																																																																											
138 1,360 138	1,360	Petition to institute a public use proceeding																																																																																																																											
140 110 240	55	Petition to revive - unavoidably																																																																																																																											
141 1,210 241	605	Petition to revive - unintentionally																																																																																																																											
142 1,210 242	605	Utility issue fee (or reissue)																																																																																																																											
143 430 243	215	Design issue fee																																																																																																																											
144 580 244	290	Plant issue fee																																																																																																																											
122 130 122	130	Petitions to the Commissioner																																																																																																																											
123 50 123	50	Petitions related to provisional applications																																																																																																																											
126 240 126	240	Submission of Information Disclosure Stmt																																																																																																																											
581 40 581	40	Recording each patent assignment per property (times number of properties)	40																																																																																																																										
146 760 246	380	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																											
149 760 249	380	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																											
Other fee (specify) _____																																																																																																																													
Other fee (specify) _____																																																																																																																													
<b>SUBTOTAL (3)</b> (\$)			40.00																																																																																																																										
<b>1. FILING FEE</b> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity</th> <th style="text-align: left;">Small Entity</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: left;">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee Code</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>101 690 201</td> <td>345</td> <td>Utility filing fee</td> <td>\$690</td> </tr> <tr> <td>106 310 206</td> <td>155</td> <td>Design filing fee</td> <td></td> </tr> <tr> <td>107 480 207</td> <td>240</td> <td>Plant filing fee</td> <td></td> </tr> <tr> <td>108 690 208</td> <td>345</td> <td>Reissue filing fee</td> <td></td> </tr> <tr> <td>114 150 214</td> <td>75</td> <td>Provisional filing fee</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: right;"><b>SUBTOTAL (1)</b> (\$)</td> <td>690.00</td> </tr> </tbody> </table>	Large Entity	Small Entity	Fee Description	Fee Paid	Fee Code	Fee Code			101 690 201	345	Utility filing fee	\$690	106 310 206	155	Design filing fee		107 480 207	240	Plant filing fee		108 690 208	345	Reissue filing fee		114 150 214	75	Provisional filing fee		<b>SUBTOTAL (1)</b> (\$)			690.00	<b>2. EXTRA CLAIM FEES</b> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Total Claims</th> <th style="text-align: left;">Extra Claims</th> <th style="text-align: left;">Fee from below</th> <th style="text-align: left;">Fee Paid</th> </tr> </thead> <tbody> <tr> <td>32</td> <td>-20** = 12</td> <td>X \$18.00 =</td> <td>216.00</td> </tr> <tr> <td>4</td> <td>-3** = 1</td> <td>X \$78.00 =</td> <td>78.00</td> </tr> <tr> <td colspan="3">Multiple Dependent</td> <td></td> </tr> </tbody> </table> <p style="font-size: x-small;">**or number of previously paid, if greater; For Reissues, see below</p>	Total Claims	Extra Claims	Fee from below	Fee Paid	32	-20** = 12	X \$18.00 =	216.00	4	-3** = 1	X \$78.00 =	78.00	Multiple Dependent																																																																															
Large Entity	Small Entity	Fee Description	Fee Paid																																																																																																																										
Fee Code	Fee Code																																																																																																																												
101 690 201	345	Utility filing fee	\$690																																																																																																																										
106 310 206	155	Design filing fee																																																																																																																											
107 480 207	240	Plant filing fee																																																																																																																											
108 690 208	345	Reissue filing fee																																																																																																																											
114 150 214	75	Provisional filing fee																																																																																																																											
<b>SUBTOTAL (1)</b> (\$)			690.00																																																																																																																										
Total Claims	Extra Claims	Fee from below	Fee Paid																																																																																																																										
32	-20** = 12	X \$18.00 =	216.00																																																																																																																										
4	-3** = 1	X \$78.00 =	78.00																																																																																																																										
Multiple Dependent																																																																																																																													
<b>2. EXTRA CLAIM FEES</b> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity</th> <th style="text-align: left;">Small Entity</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: left;">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee Code</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>103 18 203</td> <td>9</td> <td>Claims in excess of 20</td> <td></td> </tr> <tr> <td>102 78 202</td> <td>39</td> <td>Independent claims in excess of 3</td> <td></td> </tr> <tr> <td>104 270 204</td> <td>135</td> <td>Multiple Dependent claim</td> <td></td> </tr> <tr> <td>109 78 209</td> <td>39</td> <td>**Reissue independent claims over original patent</td> <td></td> </tr> <tr> <td>110 18 210</td> <td>9</td> <td>**Reissue claims in excess of 20 and over original patent</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: right;"><b>SUBTOTAL (2)</b> (\$)</td> <td>294.00</td> </tr> </tbody> </table>	Large Entity	Small Entity	Fee Description	Fee Paid	Fee Code	Fee Code			103 18 203	9	Claims in excess of 20		102 78 202	39	Independent claims in excess of 3		104 270 204	135	Multiple Dependent claim		109 78 209	39	**Reissue independent claims over original patent		110 18 210	9	**Reissue claims in excess of 20 and over original patent		<b>SUBTOTAL (2)</b> (\$)			294.00	<b>2. EXTRA CLAIM FEES</b> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Total Claims</th> <th style="text-align: left;">Extra Claims</th> <th style="text-align: left;">Fee from below</th> <th style="text-align: left;">Fee Paid</th> </tr> </thead> <tbody> <tr> <td>32</td> <td>-20** = 12</td> <td>X \$18.00 =</td> <td>216.00</td> </tr> <tr> <td>4</td> <td>-3** = 1</td> <td>X \$78.00 =</td> <td>78.00</td> </tr> <tr> <td colspan="3">Multiple Dependent</td> <td></td> </tr> </tbody> </table> <p style="font-size: x-small;">**or number of previously paid, if greater; For Reissues, see below</p>	Total Claims	Extra Claims	Fee from below	Fee Paid	32	-20** = 12	X \$18.00 =	216.00	4	-3** = 1	X \$78.00 =	78.00	Multiple Dependent																																																																															
Large Entity	Small Entity	Fee Description	Fee Paid																																																																																																																										
Fee Code	Fee Code																																																																																																																												
103 18 203	9	Claims in excess of 20																																																																																																																											
102 78 202	39	Independent claims in excess of 3																																																																																																																											
104 270 204	135	Multiple Dependent claim																																																																																																																											
109 78 209	39	**Reissue independent claims over original patent																																																																																																																											
110 18 210	9	**Reissue claims in excess of 20 and over original patent																																																																																																																											
<b>SUBTOTAL (2)</b> (\$)			294.00																																																																																																																										
Total Claims	Extra Claims	Fee from below	Fee Paid																																																																																																																										
32	-20** = 12	X \$18.00 =	216.00																																																																																																																										
4	-3** = 1	X \$78.00 =	78.00																																																																																																																										
Multiple Dependent																																																																																																																													

<b>SUBMITTED BY</b>				<b>Complete (if applicable)</b>	
Typed or Printed Name Eric S. Hyman, Reg. No. 30,139		Signature 		Reg. Number	Deposit Account User ID
Date 03/31/00		Date 03/31/00		02-2666	02-2666

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.